

Replacement System Variance Request

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an Application for the proposed replacement system which is in noncompliance with the Rules. The LPI shall review the Replacement System Variance Request and Application and may approve the Request if all of the following requirements with LPI approval limitations can be met.

1. The replacement system is correcting a malfunction or an unlicensed wastewater discharge system.
2. A replacement system cannot be designed and installed in total compliance with the Rules.
3. The design flow is less than 500 GPD.
4. There will be no change in use of the structure.
5. The replacement system does not conflict with Seasonal Conversion Permit (30 MRSA § 3223) or with Mandatory Shoreland Zoning (12 MRSA § 4811).
6. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.

GENERAL INFORMATION

Town of Augusta

Town Code 11020

Permit No. 48524EP

Date Permit Issued 6-21-82
month/day/yr.

Property Owner's Name: George Brush Tel. No. 623-2172

System's Location: camp road — east shore of Togus Pond
Street

Augusta MAINE 04330
Town Zip

Property Owner's Address: R.F.D. # 1 Box 2880
(if different from above) Street

Windsor Maine 04363
Town State Zip

Specific Instructions to the:

LPI: If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, then you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature)

Site Evaluator: If after completing the Application, you find that a variance for the proposed replacement system is needed, then complete the Replacement Variance Request with your signature on reverse side of form.

Property Owner: It has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

The Owner shall sign this statement. Therefore, having read both this Replacement Variance Request and the attached Application, I understand that the proposed system is not in total compliance with the Rules and hereby release all those concerned with this Variance, provided they have performed their duties in a reasonable and proper manner.

George S. Brush
Property Owner's Signature

6-21-82
Date

Variance Category	Variance Requested	Limit of LPI's Approval Authority		Variance Requested to:	
Soils Soil Profile Soil Condition from HHE-200	Ground Water Table	to 6"		inches	
	Restrictive Layer	to 6"		inches	
	Bedrock	to 10"		inches	
Setback Distances (in feet)	From:	Treatment Tank	Disposal Area	Treatment Tank	Disposal Area
	Potable Water Supplies	1. Well: > 2000 gal/day	100a	300a	
	2. Well: < 2000 gal/day				
	a. Neighbor's	100b	100b		
	b. Property Owner's	50'	60'	50	
	3. Water Supply Line	See Note 'a'			
Waterbodies	1. Perennial	60'	60'	60'	
	2. Intermittent	25'	25'		
	3. Manmade drainage ditch	15'	15'		
Downhill Slope	Greater than 3:1 (33%)	5'	10'		
Buildings	1. With basement	See Note	15'		
	2. Without basement	'a'	10'		
Property Line		5'	5'		

Other Specify:

Footnotes:

- a. This setback distance cannot be reduced by variance. See Table 6-2.
- b. A variance to reduce the 100 foot setback distance to a minimum of 80 feet may be granted only with the neighbor's written permission.
- c. Sufficient distance shall be maintained to assure that the toe of the fill does not extend to the 3:1 slope.

Lloyd C. Lowe
Site Evaluator's Signature

June 17, 1982
Date

LPI Statement

I, Richard A. Baber, LPI for the Town of AUGUSTA have conducted an on-site inspection for the proposed replacement system and have determined, to the best of my knowledge, that it cannot be installed in total compliance with the Rules, applicable Municipal Ordinances, or the Local Shoreland Zoning Ordinance. As a result of my review of the Replacement System Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

a. approve, do not approve) the variance request based on my authority to grant this variance
Note: If the LPI does not give his approval, he shall list his reasons for denial in **Comments** Section below and return to the applicant.

or:

b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend, do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, he shall state his reasons in Comments Section below as to why the proposed replacement system is not being recommended.

Comments:

Richard A. Baber
LPI's Signature

6-21-82
Date

FOR USE BY THE DEPARTMENT ONLY:

The Department has reviewed the variance(s) and (does, does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

Signature of the Department

Date

This Is NOT A Permit; This Form When Completed Must Be Presented To The Local Plumbing Inspector To Obtain A Permit

This Application Is For: New System Replacement Of Entire System Expanded System Replacement Of Disposal Area Only Conversion Permit

Variance: None Required Replacement System Variance With LPI Approval Dept. Review New System Variance

PROPERTY LOCATION: **Augusta** (Town, Plantation) **Woodard Rd** (Street, Road) **Woodard camp road** (Subdivision Name) Lot No. _____

PROPERTY OWNER or APPLICANT: **George Brush**

Mailing Address: **RFD # 1, Box 2880** (Street) **623-2172** (Tel. No.)

Windsor (Town) **Maine** (State) **04363** (Zip Code)

LOCATION PLAN OF PROPERTY

TYPE OF STRUCTURE, DESIGN FLOW
 Single Family Dwelling Number of Bedrooms **2** Design Flow **180** GPD
 Design Flow based on Minimum Moderate Conservative
 Reduction in Design Flow due to Water Conservation
 If so, specify type (s) _____

Other Establishment, Specify _____ Type of Facility _____
 (Number of Employees, Seating Capacity, Building Size, etc.)
 Design Flow _____ GPD
 If greater than 2000 GPD Specify Professional Engineer

PROPERTY INFORMATION
 Area of Property **47** Sq. Ft. Acres Zoned Not Zoned
 If zoned, type of zoning **shoreland**
 Property on Water Body, If so, Name of Water Body _____
 Water Supply is: Public Utility, Drilled Well **Unknown**
 Dug Well _____ depth Well Point Spring Surface Water

SOIL PROFILE DESCRIPTION Location of Observation Holes shown on page 2

TEXTURAL DESCRIPTION OF EACH SOIL STRATA ENCOUNTERED	Observation Hole No. 1
	<input checked="" type="radio"/> Test Pit <input type="radio"/> Boring
	Organic Strata or (Existing Fill) Thickness 1/2
	1st Original Mineral Soil Strata Depth from 0 " to 22 " Thickness _____
	2nd Depth from _____ " to _____ " Thickness _____
	3rd Depth from _____ " to _____ " Thickness _____
4th Depth from _____ " to _____ " Thickness _____	
Total Depth of Observation Hole 22	
Depth from top of ORIGINAL MINERAL SOIL	Maximum Seasonal High Ground Water Table Depth 19 <input type="radio"/> None evident
	Depth to Restrictive Layer <input checked="" type="radio"/> None evident
	Depth to Bedrock 22 <input type="radio"/> None evident

PROFILE: **2** CONDITION: **A-C** SLOPE: **12 1/2 %**

DISPOSAL SYSTEM PROPOSED Location of system and Details on Proposed Plan on page 2 Scale 1" = 500'

<p>TYPE OF SYSTEM</p> <input checked="" type="radio"/> Combined System <input type="radio"/> Separated System If separated system, type of black waste disposal system to be used: <input type="radio"/> Compost <input type="radio"/> Pit Privy <input type="radio"/> Sealed Vault Privy <input type="radio"/> Other _____ Specify _____ <input type="radio"/> Separated Laundry System <input type="radio"/> Primitive System <input type="radio"/> Holding Tank	<p>TREATMENT TANK</p> <input checked="" type="radio"/> Septic Tank <input type="radio"/> Aerobic Tank Size 1000 Gals. <p>DOSAGE</p> <input type="radio"/> Pumping is not required <input checked="" type="radio"/> Pumping is required The dose should be: 100 Gals. Dosage chamber capacity shall be _____ gals. <input type="radio"/> System should be vented	<p>SUBSURFACE DISPOSAL AREA/TYPE</p> <input type="radio"/> Trench Disposal Area Total linear feet of trench _____ ft. Number of Trench lines _____ ft. Length of each trench line _____ ft. Depth of Stone _____ inches. Reduction on trench length due to stone depth _____ % <input checked="" type="radio"/> Bed Disposal Area Total bed area 600 sq. ft. Number of beds 1 Width 20 ft. Length 30 ft. <input type="radio"/> Chamber Disposal Area Total chamber area _____ sq. ft. Number of clusters _____ Width _____ ft. Length _____ ft. <input type="radio"/> H-20 required	<p>SYSTEM SIZE RATING</p> <input type="radio"/> Small <input type="radio"/> Medium <input checked="" type="radio"/> Medium Large <input type="radio"/> Large <input type="radio"/> Extra Large <p>DISPOSAL AREA ELEVATION</p> Depth of Upslope Fill required 28 inches. Depth of Downslope Fill required 58 inches. Reference Elevation Point established at 0 " Elevation Disposal Area Bottom to be established at -24 " Elevation. Top of Distribution Lines or Top of Chambers -13 " Elevation. <p><input checked="" type="radio"/> Yes <input type="radio"/> No: The proposed subsurface disposal area will be located at least 100 feet from any and all wells, springs, surface water bodies and courses (lake, pond, ocean, brook stream, river), swamps, marshes, and bogs. <input checked="" type="radio"/> Yes <input type="radio"/> No: The proposed subsurface disposal area will be located at least 300 feet from any and all wells and springs producing 2000 gallons or more of water per day and any public water supplies.</p>
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FOR USE BY SITE EVALUATOR
 On **6/9/82** (date), a site investigation for this project was completed. I conducted this soil evaluation and certify that the results indicated above best represent the soil conditions found. I recommend the above type and size of subsurface wastewater disposal system. I also recommend the proposed disposal system layout and location shown on page 2.

FOR USE BY OWNER/APPLICANT
 I certify that all the information submitted to be true and correct to the best of my knowledge. I understand that any falsification of this application is reason to deny a permit to install a disposal system and that the permit is valid for a six (6) month period from the date of permit issuance. I also understand that no guarantee is intended or implied by reason of any advice or approval given.

FOR USE BY LPI: This Application is approved. If conditions, specify: _____
 This Application is Denied due to: System is not in accordance with Rules.
 Application is incomplete. Application is unclear. Development is in violation of other Regulations. Specify _____

Signature of Site Evaluator: **Lloyd Crowe** Site Evaluator License Number: **0042**
 Date signed: **June 11, 1982**

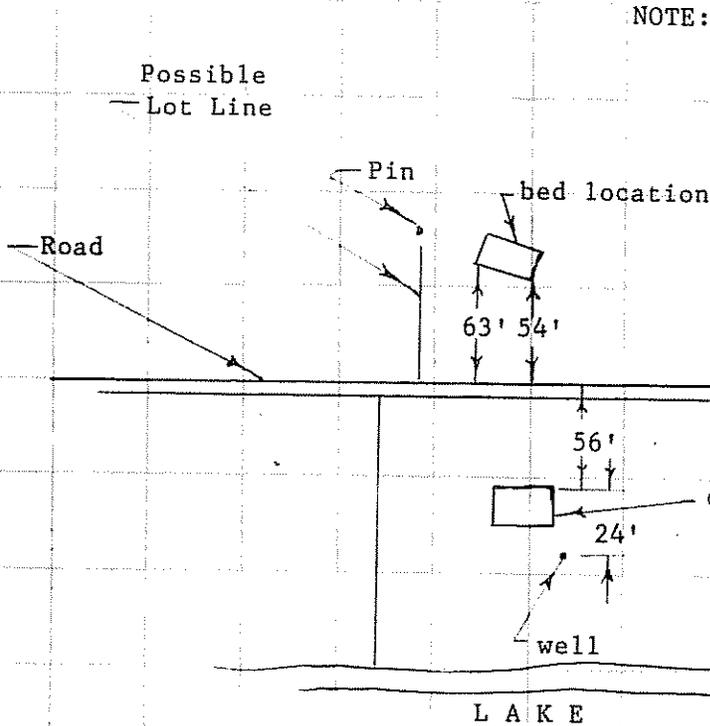
Signature of Owner/Applicant: **George S Brush**
 Date Signed: **6/19/82**

Signature of LPI: **Richard P. Baker** PERMIT NO. **48524 E P**
 Date: **6-17-82** Date Issued: **8**

PROPERTY LOCATION Augusta Town, Plantation	cottage road Street, Road	Subdivision Name	Lot No.
PROPERTY OWNER or APPLICANT George Brush	DISPOSAL AREA ELEVATION Depth of Upslope Fill required <u>28</u> inches. Depth of Downslope Fill required <u>58</u> inches.	Reference Elevation Point established at <u>0</u> " Elevation.	Disposal Area Bottom to be established at <u>-24</u> " Elevation Top of Distribution Lines or Top of Chambers <u>-13</u> " Elevation

Site Plan

Scale 1" = 50 ft.



NOTE: The existing septic tank is close to the existing well. If the tank is replaced at the same location, care should be taken with sealing the new tank and the pump dosing chamber. A new tank can be installed 5' from the new bed, but the pump must be able to handle solids, and the pipe line must be 2" diameter. Lay a 4" pipe under the road and thread the 2" plastic through it.

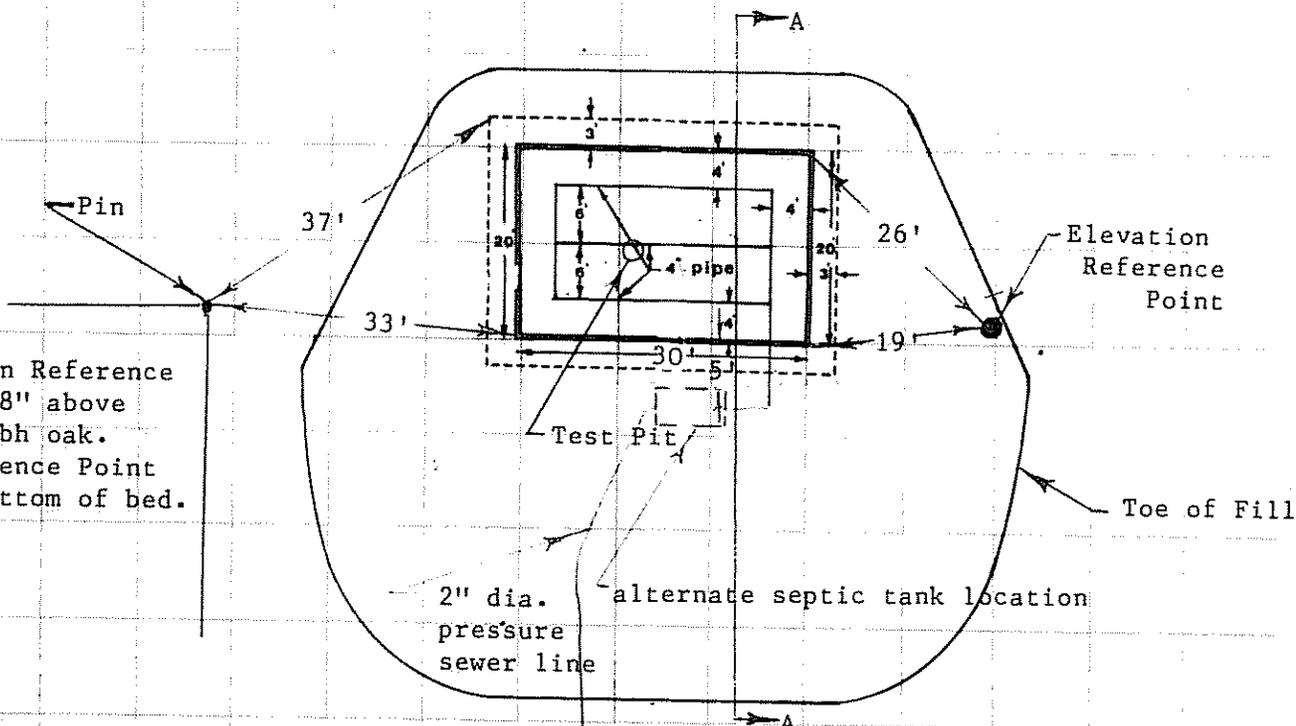
Note: If the tank is installed at the cottage, a distribution box will be necessary at the disposal area.

Vents are recommended at the disposal area.

● Designates Elevation Reference Point (ERP) ○ Designates Observation Hole (TP or B)

Subsurface Wastewater Disposal Plan

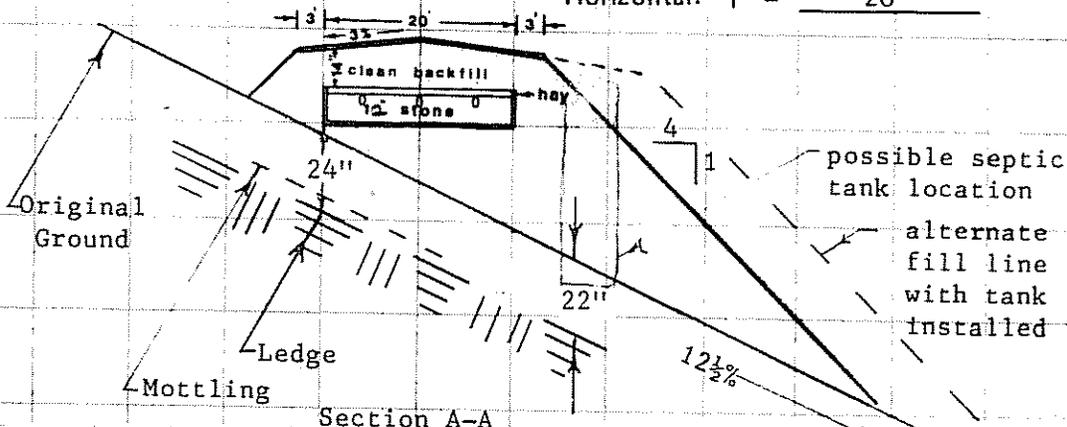
Scale 1" = 20' or _____



NOTE: Elevation Reference point is nail 58" above ground in 20" dbh oak. Elevation Reference Point is 24" above bottom of bed.

Subsurface Wastewater Disposal Area Cross-section

Scale: Vertical: 1" = 4'
Horizontal: 1" = 20'



Site Evaluator's Signature

Lloyd C. Rowe

Date
June 11, 1982

Section A-A

License Number

0042